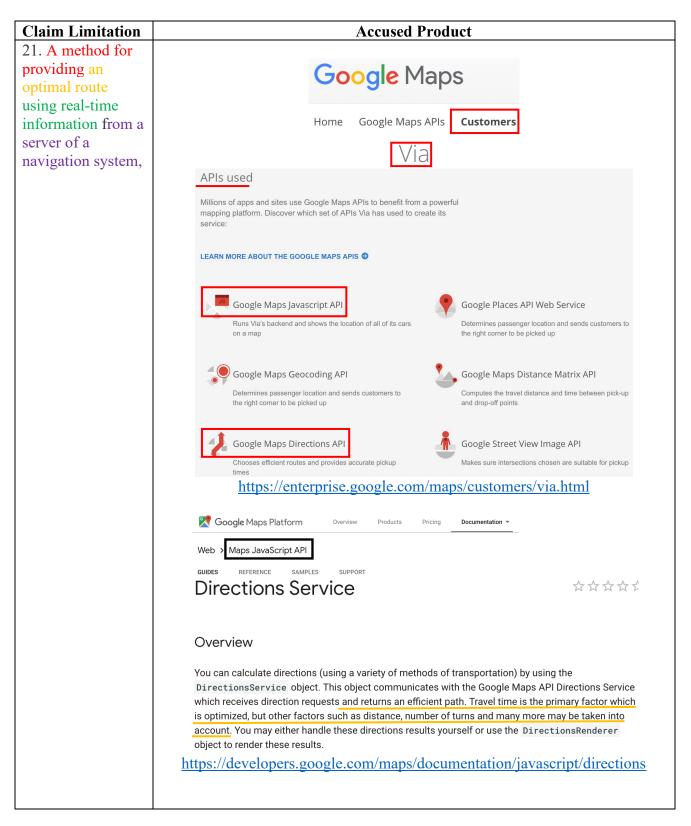
EXHIBIT 1

The following table sets forth each limitation of each asserted claim, together with the feature of the Accused Product that Defendant Google LLC ("Google") makes, uses, sells, sold, and/or offers for sale and meets the limitation. Plaintiff InfoGation Corporation ("InfoGation") reserves the right to supplement or otherwise modify this preliminary claim chart as additional information becomes available during the course of discovery and after an entry of the Court's Markman Order.

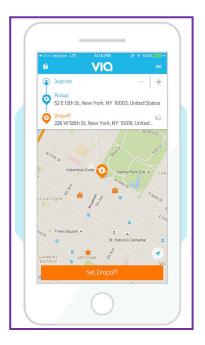




Routes

Help your users find the best way to get from A to Z with comprehensive data and real-time traffic.

https://cloud.google.com/maps-platform/



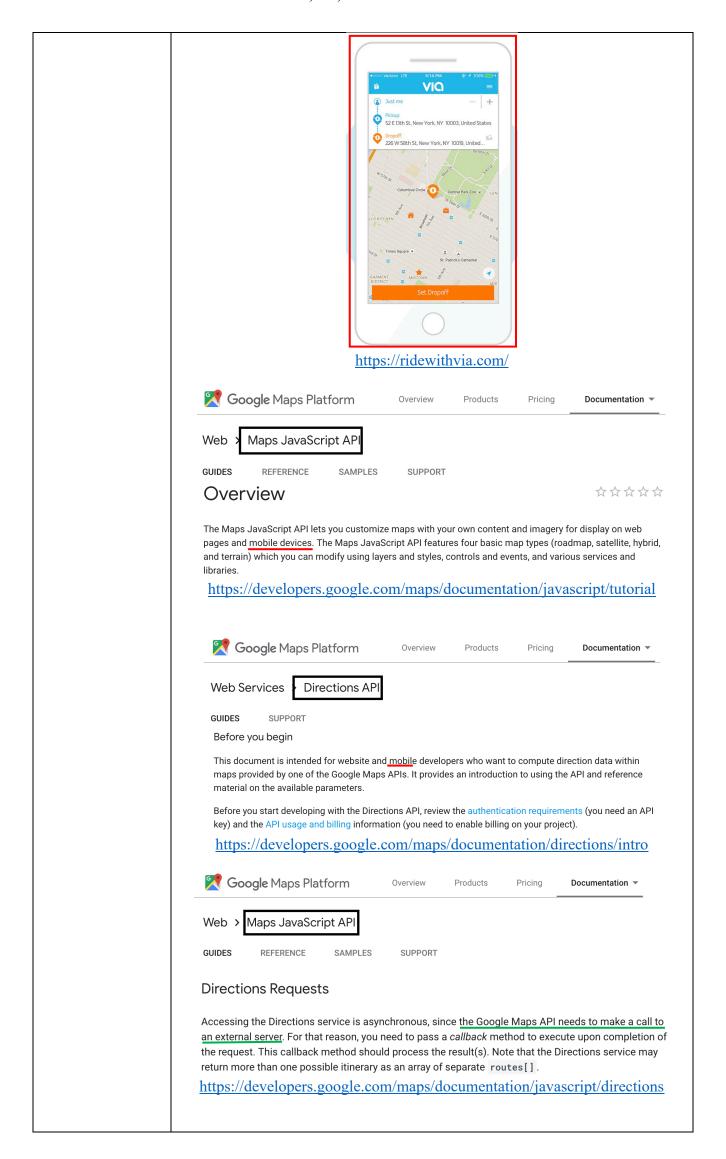
https://ridewithvia.com/

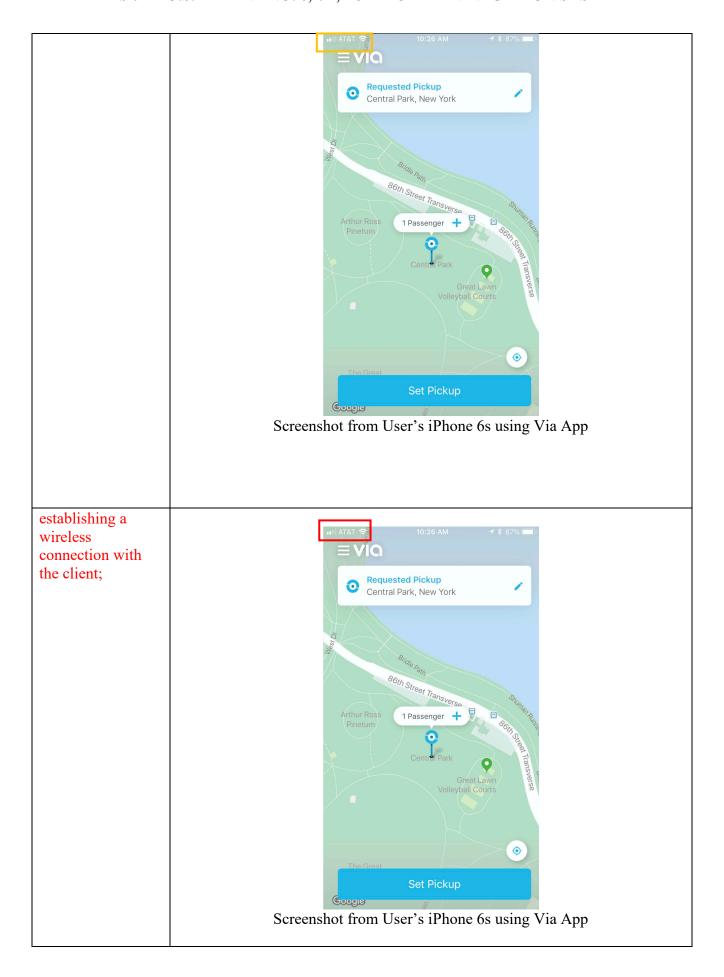
Directions Requests

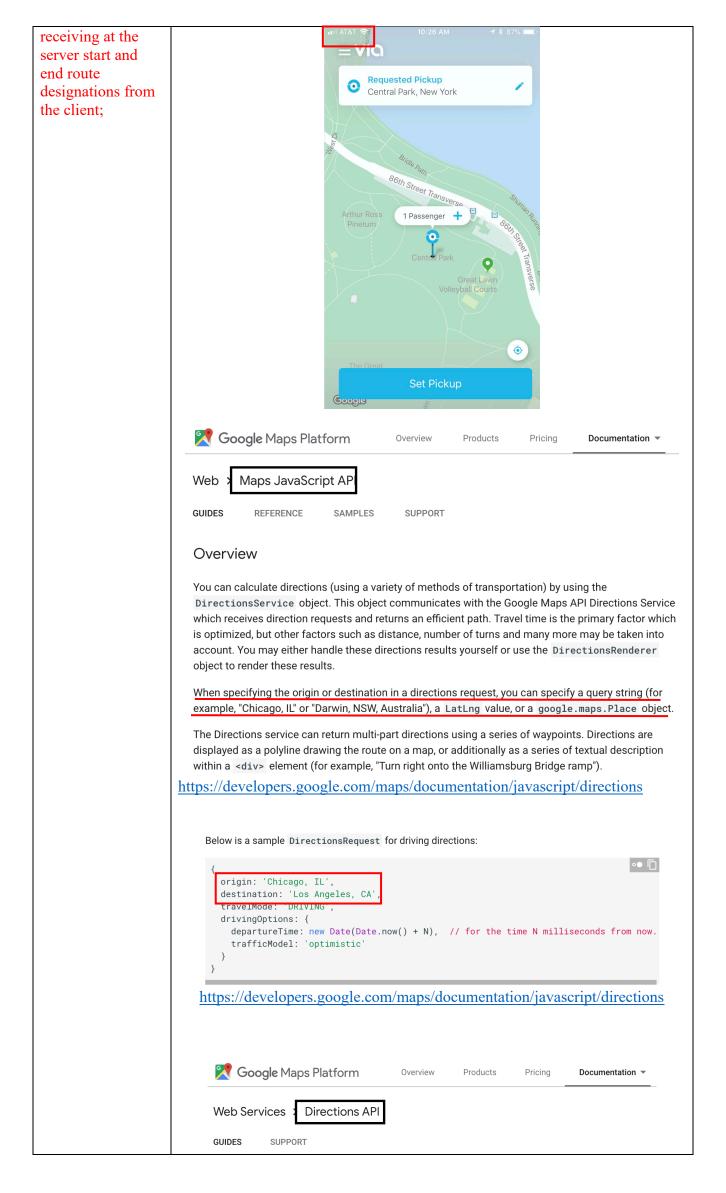
Accessing the Directions service is asynchronous, since the Google Maps API needs to make a call to an external server. For that reason, you need to pass a callback method to execute upon completion of the request. This callback method should process the result(s). Note that the Directions service may return more than one possible itinerary as an array of separate <code>routes[]</code>.

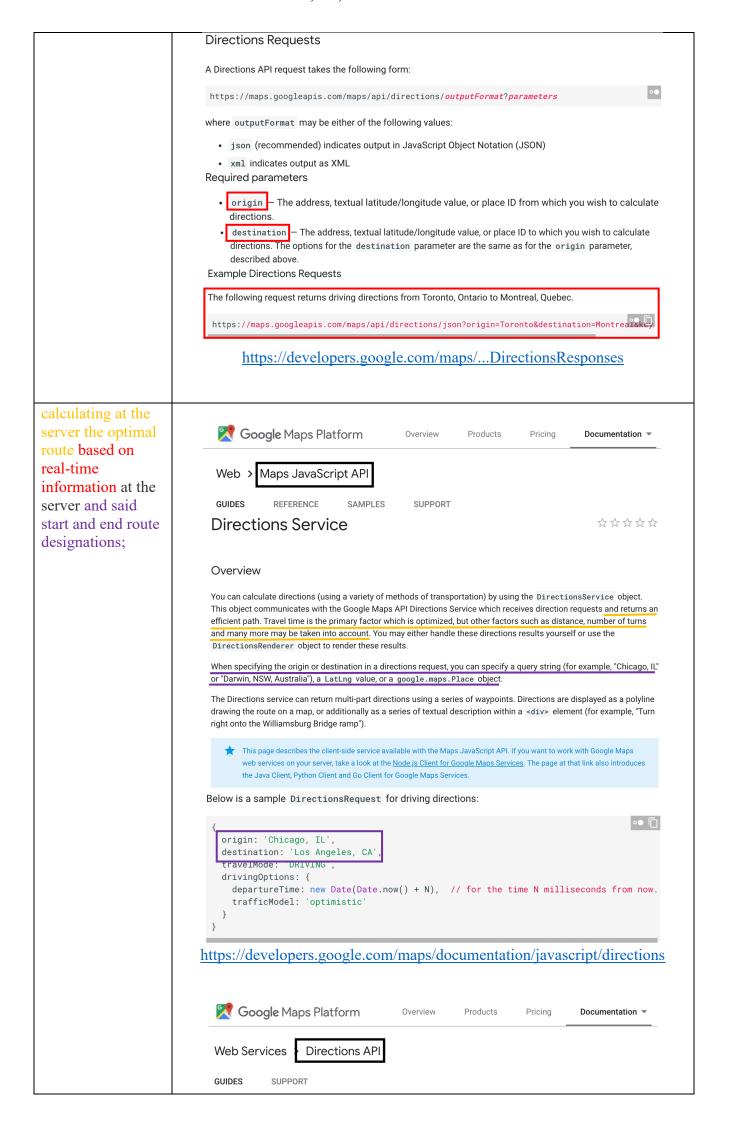
https://developers.google.com/maps/documentation/javascript/directions

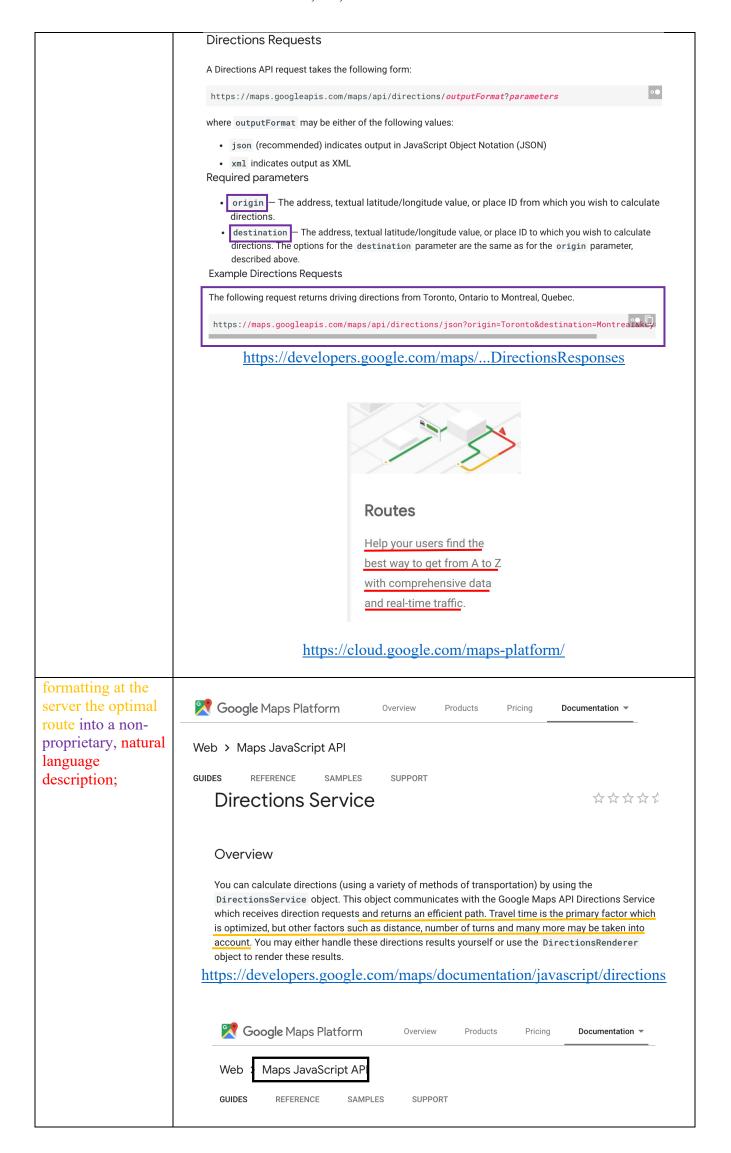
the navigation system also comprising a client and said server coupled to a computer network, said method comprising the steps of:











Directions Steps

A DirectionsStep is the most atomic unit of a direction's route, containing a single step describing a specific, single instruction on the journey. E.g. "Turn left at W. 4th St." The step not only describes the instruction but also contains distance and duration information relating to how this step relates to the following step. For example, a step denoted as "Merge onto I-80 West" may contain a duration of "37 miles" and "40 minutes," indicating that the next step is 37 miles/40 minutes from this step.

When using the Directions service to search for transit directions, the steps array will include additional Transit Specific Information in the form of a transit object. If the directions include multiple modes of transportation, detailed directions will be provided for walking or driving steps in a steps[] array. For example, a walking step will include directions from the start and end locations: "Walk to Innes Ave & Fitch St". That step will include detailed walking directions for that route in the steps[] array, such as: "Head north-west", "Turn left onto Arelious Walker", and "Turn left onto Innes Ave".

The DirectionsStep is an object literal with the following fields:

- · instructions contains instructions for this step within a text string.
- distance contains the distance covered by this step until the next step, as a Distance object.
 (See the description in DirectionsLeg above.) This field may be undefined if the distance is unknown.
- duration contains an estimate of the time required to perform the step, until the next step, as a
 Duration object. (See the description in DirectionsLeg above.) This field may be undefined if
 the duration is unknown.
- start_location contains the geocoded LatLng of the starting point of this step.
- end_location contains the LatLng of the ending point of this step.
- polyline contains a single points object that holds an encoded polyline representation of the step. This polyline is an approximate (smoothed) path of the step.
- steps[] a DirectionsStep object literal that contains detailed directions for walking or driving steps in transit directions. Sub-steps are only available for transit directions.
- travel_mode contains the TravelMode used in this step. Transit directions may include a
 combination of walking and transit directions.
- path contains an array of LatLngs describing the course of this step.
- transit contains transit specific information, such as the arrival and departure times, and the name of the transit line.

https://developers.google.com/maps/documentation/javascript/directions

Comment: The optimum route is described in a non-proprietary manor as follows.

See how it works

Google Maps Platform integrates seamlessly with iOS, Android, and desktop applications. Learn more.

```
Request
origin: 75 9th Ave, New York, NY
destination: MetLife Stadium Dr East Rutherford, NJ 07073
mode: driving
key: API_KEY

GET DRIVING DIRECTIONS FROM A TO B

ESTIMATE TRAVEL TIME AND DISTANCE

CREATE A ROUTE WITH UP TO 5 WAYPOINTS

URL
https://maps.googleapis.com/maps/api/directions/json?origin=7
5+9th+Ave+New+York, +NY&destination=MetLife+Stadium+1+MetLife+Stadium+Dr+East+Rutherford, +NJ+07073&key=\frac{VOUR_API_KEY}{VOUR_API_KEY}
```

```
"bounds": {
      "northeast": {
        "lat": 40.8171321,
        "lng": -73.99449150000001
      "southwest" : {
        "lat": 40.7416627,
        "lng": -74.0728354
     },
     "copyrights": "Map data ©2015 Google",
     "legs" : [
      {
        "distance" : {
         "text": "9.7 mi",
         "value": 15653
        "duration": {
         "text": "25 mins",
          "value": 1480
        "end address": "1 MetLife Stadium Dr, East Rutherford, NJ 07073,
USA",
        "end location": {
         "lat": 40.814505,
          "lng": -74.07272910000002
        "start address": "75 Ninth Ave, New York, NY 10011, USA",
        "start location": {
          "lat": 40.7428759,
          "lng": -74.00584719999999
        },
        "steps" : [
           "distance" : {
             "text": "440 ft",
             "value": 134
           "duration" : {
             "text": "1 min",
             "value": 34
           "end location": {
             "lat": 40.7422925,
             "lng": -74.004457
           "html instructions": "Head
St\u003c/b\u003e toward \u003cb\u003eNinth Ave\u003c/b\u003e",
           "polyline" : {
             "points": " rtwFpgubMtBuG"
           },
           "start_location" : {
             "lat": 40.7428759,
             "lng": -74.00584719999999
```

```
"travel mode": "DRIVING"
                                           "distance": {
                                             "text": "49 ft",
                                             "value": 15
                                           },
                                           "duration" : {
                                             "text": "1 min",
                                             "value": 29
                                           "end location": {
                                             "lat": 40.7421744,
                                             "lng": -74.0045361
                                           "html_instructions": "Turn \u003cb\u003eright\u003c/b\u003e at
                          the 1st cross street onto \u003cb\u003eNinth Ave\u003c/b\u003e",
                                           "maneuver": "turn-right",
                                           "polyline" : {
                                              "points" : "intwFz~tbMVN"
                                              https://cloud.google.com/maps-platform/routes/
downloading from
the server said
                                Google Maps Platform
                                                                     Overview
                                                                                  Products
                                                                                              Pricina
                                                                                                         Documentation ~
non-proprietary,
natural language
                               Web >
                                        Maps JavaScript API
description to the
client
                               GUIDES
                                           REFERENCE
                                                          SAMPLES
                                                                       SUPPORT
                               The DirectionsResult Object
                               When sending a directions request to the DirectionsService, you receive a response consisting of a status code, and
                               a result, which is a DirectionsResult object. The DirectionsResult is an object literal with the following fields:
                                 • qeocoded_waypoints[] contains an array of DirectionsGeocodedWaypoint objects, each one containing
                                   details about the geocoding of origin, destination and waypoints.
                                 • routes[] contains an array of DirectionsRoute objects. Each route indicates a way to get from the origin to
                                   the\ destination\ provided\ in\ the\ {\tt DirectionsRequest}\ .\ Generally, only\ one\ route\ is\ returned\ for\ any\ given\ request,
                                   unless\ the\ request's\ provide Route Alternatives\ field\ is\ set\ to\ true\ ,\ in\ which,\ multiple\ routes\ may\ be\ returned.
                               https://developers.google.com/maps/documentation/javascript/directions
so that the client
can reconstruct the
                               Coogle Maps Platform
                                                                      Overview
                                                                                   Products
                                                                                                Pricina
                                                                                                           Documentation •
optimal route
using a local
                                       Maps JavaScript API
                              Web >
mapping database
                              GUIDES
                                          REFERENCE
                                                         SAMPLES
                                                                       SUPPORT
```

Displaying the **DirectionsResult**

The DirectionsResult contains the result of the directions query, which you may either handle yourself, or pass to a DirectionsRenderer object, which can automatically handle displaying the result on a map.

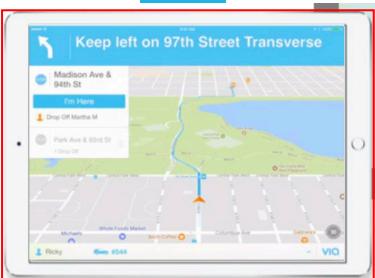
To display a DirectionsResult using a DirectionsRenderer, you simply need to do the following:

- 1. Create a DirectionsRenderer object.
- 2. Call setMap() on the renderer to bind it to the passed map.
- 3. Call setDirections() on the renderer, passing it the DirectionsResult as noted above.

 Because the renderer is an MVCObject, it will automatically detect any changes to its properties and update the map when its associated directions have changed.

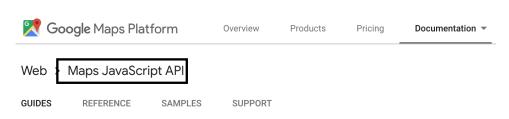
The following example calculates directions between two locations on Route 66, where the origin and destination are set by the given "start" and "end" values in the dropdown lists. The DirectionsRenderer handles display of the polyline between the indicated locations, and the placement of markers at the origin, destination, and any waypoints, if applicable. https://developers.google.com/maps/documentation/javascript/directions





https://platform.ridewithvia.com/

and display said optimal route on a display system coupled to the client.



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https://developers.google.com/maps/documentation/javascript/directions

